

**AMENDMENTS TO THE CLAIMS:****IN THE CLAIMS:**

- AI
- 1 1. (currently amended) A method for context-aware computer management  
 2 comprising ~~the steps of:~~  
 3 assigning database information a plurality of clearance levels;  
 4 assigning each smart badge within a set of ~~visible~~ smart badges one of the  
 5 clearance levels;  
 6 using a wireless beacon to detect which smart badges are located within a  
 7 predefined physical boundary;  
 8 identifying smart badges having a lowest clearance level assigned to the smart  
 9 badges within the boundary; and  
 10 providing access to that sub-set of the database information having a clearance  
 11 levels no higher than the lowest identified clearance level on a computer located with the  
 12 predefined physical boundary.
  - 1 2. (currently amended) The method of claim 1 further comprising ~~the step of:~~  
 2 defining those smart badges within the boundary as a set of visible smart badges;  
 3 and  
 4 updating the set of visible smart badges in response to a change in smart badge  
 5 visibility status.
  - 1 3. (currently amended) The method of claim 2 further comprising ~~the step of:~~  
 2 recalculating the lowest clearance level in response to the change in smart badge  
 3 visibility status.
  - 1 4. (currently amended) The method of claim 2 further comprising ~~the step of:~~  
 2 recording the smart badge visibility status of each smart badge within an activity  
 3 log.
  - 1 5. (currently amended) The method of claim 1 wherein ~~the providing step~~ includes  
 2 ~~the step of:~~  
 3 providing access ~~to the database information~~ to smart badge wearers assigned to  
 4 the smart badges.
  - 1 6. (currently amended) The method of claim 2 further comprising ~~the step of:~~  
 2 preventing access to the database when the smart badge visibility status is set to  
 3 invisible for a predetermined timeout.
  - 1 7. (currently amended) The method of claim 1 further comprising ~~the step of:~~  
 2 writing data items to the smart badges.
  - 1 8. (currently amended) The method of claim 7 further comprising ~~the step of:~~  
 2 pre-reading the data item from the smart badge during idle periods.
  - 1 9. (currently amended) The method of claim 1 further comprising ~~the step of~~

2 defining a badge removal confidence level indicating whether each smart badge  
3 has been continuously worn by corresponding assigned smart badge wearers.

1 10. (currently amended) The method of claim 1 further comprising ~~the steps of:~~  
2 assigning an expiration period to each of the smart badges; and  
3 de-authenticating and erasing all data stored on a smart badge whose expiration  
4 period has been exceeded.

1 11. (currently amended) The method of claim 1 wherein the ~~assigning each smart~~  
2 ~~badge step using element~~ includes ~~the step of:~~  
3 configuring a the predetermined smart badge visibility range physical boundary by  
4 varying a sensitivity level of the wireless beacon.

1 12. (currently amended) A method for context-aware computer management  
2 comprising ~~the steps of:~~  
3 assigning database information a plurality of clearance levels;  
4 assigning each smart badge within a set of ~~visible~~ smart badges one of the  
5 clearance levels;  
6 using a wireless beacon to detect which smart badges are located within a  
7 predefined physical boundary;  
8 identifying smart badges having a lowest clearance level assigned to the smart  
9 badges within the boundary;  
10 providing access to that sub-set of the database information having a clearance  
11 levels no higher than the lowest identified clearance level on a computer located with the  
12 predefined physical boundary;  
13 defining those smart badges within the boundary as a set of visible smart badges;  
14 updating the set of visible smart badges in response to a change in smart badge  
15 visibility status; and  
16 recalculating the lowest clearance level in response to the change in smart badge  
17 visibility status.

1 13. (currently amended) A computer-usable medium embodying computer program  
2 code for context-aware computer management, comprising ~~the steps of:~~  
3 assigning database information a plurality of clearance levels;  
4 assigning each smart badge within a set of ~~visible~~ smart badges one of the  
5 clearance levels;  
6 using a wireless beacon to detect which smart badges are located within a  
7 predefined physical boundary;  
8 identifying smart badges having a lowest clearance level assigned to the smart  
9 badges within the boundary; and  
10 providing access to that sub-set of the database information having a clearance  
11 levels no higher than the lowest identified clearance level on a computer located with the  
12 predefined physical boundary.

1 14. (currently amended) The computer-usable medium of claim 13 further comprising  
2 ~~the step of:~~  
3 defining those smart badges within the boundary as a set of visible smart badges;

4 and  
5 updating the set of visible smart badges in response to a change in smart badge  
6 visibility status.

1 15. (currently amended) The computer-usable medium of claim 14 further comprising  
2 ~~the step of:~~  
3 recalculating the lowest clearance level in response to the change in smart badge  
4 visibility status.

1 16. (currently amended) The computer-usable medium of claim 13 wherein ~~the~~  
2 providing step includes ~~the step of:~~  
3 providing access to the database information to smart badge wearers assigned to  
4 the smart badges.

1 17. (currently amended) The computer-usable medium of claim 14 further comprising  
2 ~~the step of:~~  
3 preventing access to the database when the smart badge visibility status is set to  
4 invisible for a predetermined timeout.

1 18. (currently amended) The computer-usable medium of claim 13 further comprising  
2 ~~the step of~~  
3 defining a badge removal confidence level indicating whether each smart badge  
4 has been continuously worn by corresponding assigned smart badge wearers.

1 19. (currently amended) The computer-usable medium of claim 13 further comprising  
2 ~~the steps of:~~  
3 assigning an expiration period to each of the smart badges; and  
4 de-authenticating and erasing all data stored on a smart badge whose expiration  
5 period has been exceeded.

1 20. (currently amended) A system for context-aware computer management  
2 comprising:  
3 means for assigning database information a plurality of clearance levels;  
4 means for assigning each smart badge within a set of ~~visible~~ smart badges one of  
5 the clearance levels;  
6 means for using a wireless beacon to detect which smart badges are located within  
7 a predefined physical boundary;  
8 means for identifying ~~smart badges having~~ a lowest clearance level assigned to the  
9 smart badges within the boundary;  
10 means for providing access to that sub-set of the database information having a  
11 clearance levels no higher than the lowest identified clearance level on a computer  
12 located with the predefined physical boundary;  
13 means for defining those smart badges within the boundary as a set of visible  
14 smart badges;  
15 means for updating the set of visible smart badges in response to a change in  
16 smart badge visibility status; and  
17 means for recalculating the lowest clearance level in response to the change in

18 smart badge visibility status.

AM  
1 21. (currently amended) A system for context-aware computer management  
2 comprising:  
3 a database, including information differentiated by a plurality of clearance levels;  
4 a first wireless beacon;  
5 a set of smart badges, ~~in visible communication with~~ detected by the first beacon  
6 to be within a predefined physical boundary, each badge assigned one of the clearance  
7 levels;  
8 a computer located within the boundary;  
9 a system service module, coupled to the beacon, for identifying a lowest clearance  
10 level assigned to the smart badges within the boundary; and  
11 a software application, coupled to the service module and the database, for  
12 providing access to that sub-set of the information within the database having a clearance  
13 levels no higher than the lowest identified clearance level on the computer.

1 22. (Original) The system of claim 21, wherein the first beacon includes:  
2 a wide angle RF beacon.

1 23. (Original) The system of claim 21, further comprising:  
2 a second diffuse IR beacon, coupled to the service module, limited to detecting  
3 smart badges within a workroom.

1 24. (Original) The system of claim 21, wherein the smart badges include:  
2 biometric sensors for detecting when a smart badge has been removed from an  
3 assigned smart badge wearer.

1 25. (currently amended) The system of claim 21, wherein the service module  
2 ~~defines a smart badge visibility status~~ those smart badges within the boundary as a  
3 set of visible smart badges, and  
4 recalculates the lowest clearance level in response to a change in ~~the~~ a visibility  
5 status.

1 26. (Original) The system of claim 21, wherein the application logs smart badge  
2 wearers assigned to visible smart badges onto a computer.